# Author Index


Adachi, S.
Simulated moving-bed chromatography for continuous separation of two components and its application to bioreactors (Review) 658(1994)271
Andrzejewski, D., see Weisz, A. 658(1994)505
Badger, S.E., see Levison, P.R. 658(1994)419
Baltas, M., Benbakkar, M., Gorrichon, L. and Zedde, C.
Chromatographic analysis of $G_1$–$G_3$ natural cyclic peroxides and compounds obtained from Ru(II)-catalysed reaction of $G_3$ 123(1994)123
Barceló, J., see Montero, E. 658(1994)83
Benbakkar, M., see Baltas, M. 123(1994)123
Bergeron, R., see Miller, L. 658(1994)489
Boschetti, E.
Advanced sorbents for preparative protein separation purposes (Review) 658(1994)207
Bryntesson, M., see Jageland, P. 658(1994)497
Bush, H., see Fronek, R. 658(1994)483
Cabot, C., see Montero, E. 658(1994)83
Carr, P.W., see Sun, L. 658(1994)465
Carta, G. and Stringfield, W.B.
Operating characteristics of a preparative-scale radial compression chromatograph in isocratic and gradient elution 658(1994)407
Cartier, P.G., see Firouztale', E. 658(1994)361
Cheh, C.H.
Advances in preparative gas chromatography for hydrogen isotope separation (Review) 658(1994)283
Čoupek, J. and Vinš, I.
Hydroxyethyl methacrylate-based sorbents for high-performance liquid chromatography of proteins 658(1994)391
Cox, J.A., see Levison, P.R. 658(1994)419
Cretier, G. and Rocca, J.L.
Gradient elution in preparative reversed-phase liquid chromatography (Review) 658(1993)195
Deissler, K.C., see Firouztale', E. 658(1994)361
Dinan, L.
Phytoecdysteroids in *Kochia scoparia* (burning bush) 658(1994)69
Felinger, A. and Guiochon, G.
Rapid simulation of chromatographic band profiles on personal computers 658(1994)511
Firouztale', E., Maikner, J.J., Deissler, K.C. and Cartier, P.G.
Validation of a theoretical model for adsorption using cephalosporin C and polymeric reversed-phase resins 658(1994)361
Fronek, R., Mardi, A., Sheikh, J., Howe, K., Murphy, J., Honda, D., Miller, L. and Bush, H.
Elimination and reduction of chlorinated solvents in preparative liquid chromatography 658(1994)483
Fronek, R., see Miller, L. 658(1994)429
Fuchs, G. and Perrut, M.
Enantiomer fractionation by preparative gas chromatography 658(1994)437
Gamoh, K. and Takatsuto, S.
Liquid chromatographic assay of brassinosteroids in plants (Review) 658(1994)17
Gamoh, K., see Motegi, C. 658(1994)27
Golshan-Shirazi, S. and Guiochon, G.
Modeling of preparative liquid chromatography (Review) 658(1994)149
Golshan-Shirazi, S., see Guiochon, G. 658(1994)173
Gorrichon, L., see Baltas, M. 123(1994)123
Guiochon, G.
Foreword 658(1994)147
Guiochon, G. and Golshan-Shirazi, S.
A retrospective on the solution of the ideal model of chromatography (Review) 658(1994)173
Guiochon, G., see Felinger, A. 658(1994)511
Guiochon, G., see Golshan-Shirazi, S. 658(1994)149
Guiochon, G., see Zhong, G.M. 658(1994)355
Hackl, S., see Jungbauer, A. 658(1994)399
Hamada, J.S.
Use of polyethylene glycol and high-performance liquid chromatography for preparative separation of *Aspergillus ficuum* acid phosphatases 658(1994)371
Harmatha, J., see Pís, J. 658(1994)77
Hayashi, S., see Kubota, K. 658(1994)259
Heftmann, E.
Preface 658(1994)1
Highet, R.J., see Weisz, A. 658(1994)505
Hirokawa, T. and Kiso, Y.
Preparative procedures in isotachophoresis (Review) 658(1994)343
Honda, D., see Fronek, R. 658(1994)483
Honda, D., see Miller, L. 658(1994)429
Hostettmann, K., see Marston, A. 658(1994)315
Howe, K., see Fronek, R. 658(1994)483
Howe, K., see Miller, L. 658(1994)429
Hykl, J., see Pís, J. 658(1994)77
Ito, Y., see Weisz, A. 658(1994)505
Jageland, P., Magnusson, J. and Bryntesson, M.
Optimization of industrial-scale high-performance liquid chromatography applications using a newly developed software 658(1994)497
Josic, D., see Strancar, A. 658(1994)475
Jungbauer, A., Hackl, S. and Yamamoto, S.
Calculation of peak profiles in preparative chromatography of biomolecules 658(1994)399
Kamisaka, S., see Ueda, J. 658(1994)129
Kaouadji, N., see Lafont, R. 658(1994)55
Kiso, Y., see Hirokawa, T. 658(1994)343
Koshioka, M., see Pearce, D.W. 658(1994)91
Kubota, K. and Hayashi, S.
Preparative chromatographic separation with moving feed ports (Review) 658(1994)259
Lafont, R., Kaouadji, N., Morgan, E.D. and Wilson, I.D.
Selectivity in the high-performance liquid chromatography of ecdysteroids 658(1994)55
Lafont, R., Morgan, E.D. and Wilson, I.D.
Chromatographic procedures for phytoecdysteroids (Review) 658(1994)31
Levison, P.R., Badger, S.E., Toome, D.W., Streater, M. and Cox, J.A.
Process-scale evaluation of a fast-flowing anion-exchange cellulose 658(1994)419

Li, Y.-L. and Pinto, N.G.
Influence of lateral interactions on preparative protein chromatography. I. Isotherm behavior 658(1994)445
Lohse, K., see Wu, D.-R. 658(1994)381
Magnusson, J., see Jageland, P. 658(1994)497
Maikner, J.J., see Firouztale', E. 658(1994)361
Mardi, A., see Fronek, R. 658(1994)483
Marston, A. and Hostettmann, K.
Counter-current chromatography as a preparative tool —applications and perspectives (Review) 658(1994)315
McCormick, A.V., see Sun, L. 658(1994)465
Meunier, F., see Zhong, G.M. 658(1994)355
Miller, L. and Bergeron, R.
Preparative liquid chromatographic isolation of unknown impurities in Arbidol and SI-5 658(1994)489
Miller, L., Honda, D., Fronek, R. and Howe, K.
Examples of preparative chiral chromatography on an amylose-based chiral stationary phase in support of pharmaceutical research 658(1994)429
Miller, L., see Fronek, R. 658(1994)483
Mitra, G., see Ng, P. 658(1994)459
Miyamoto, K., see Ueda, J. 658(1994)129
Montero, E., Sibole, J., Cabot, C., Poschenrieder, Ch. and Barceló, J.
Abscisic acid content of salt-stressed *Phaseolus vulgaris* L. Comparison of high-performance liquid chromatography, gas chromatography with electron-capture detection, enzyme-linked immunosorbent assay and radioimmunoassay 658(1994)83
Morgan, E.D., see Lafont, R. 658(1994)31
Morgan, E.D., see Lafont, R. 658(1994)55
Motegi, C., Takatsuto, S. and Gamoh, K.
Identification of brassinolide and castasterone in the pollen of orange (*Citrus sinensis* Osbeck) by high-performance liquid chromatography 658(1994)27
Murphy, J., see Fronek, R. 658(1994)483
Narayanan, S.R.
Preparative affinity chromatography of proteins (Review) 658(1994)237
Ng, P. and Mitra, G.
Removal of DNA contaminants from therapeutic protein preparations 658(1994)459
Pearce, D.W., Koshioka, M. and Pharis, R.P.
Chromatography of gibberellins (Review) 658(1994)91
Perrut, M.
Advances in supercritical fluid chromatographic processes (Review) 658(1994)293
Perrut, M., see Fuchs, G. 658(1994)437
Pharis, R.P., see Pearce, D.W. 658(1994)91
Pinto, N.G., see Li, Y.-L. 658(1994)445
Píš, J., Hykl, J., Vaisar, T. and Harmatha, J.
Rapid determination of 20-hydroxyecdysteroids in complex mixtures by solid-phase extraction and mass spectrometry 658(1994)77
Porsch, B.
Some specific problems in the practice of preparative high-performance liquid chromatography (Review) 658(1994)179
Poschenrieder, Ch., see Montero, E. 658(1994)83
Raspor, P., see Strancar, A. 658(1994)475
Rocca, J.L., see Cretier, G. 658(1993)195
Schütz, R., see Strancar, A. 658(1994)475
Schwinn, H., see Strancar, A. 658(1994)475
Sheikh, J., see Fronek, R. 658(1994)483
Sibole, J., see Montero, E. 658(1994)83
Strancar, A., Raspor, P., Schwinn, H., Schütz, R. and Josic, D.
Extraction of Triton X-100 and its determination in virus-inactivated human plasma by the solvent–detergent method 658(1994)475
Streater, M., see Levison, P.R. 658(1994)419
Stringfield, W.B., see Carta, G. 658(1994)407
Sun, L., McCormick, A.V. and Carr, P.W.
Study of the irreversible adsorption of proteins on polybutadiene-coated zirconia 658(1994)465
Takatsuto, S.
Brassinosteroids: distribution in plants, bioassays and microanalysis by gas chromatography–mass spectrometry (Review) 658(1994)3
Takatsuto, S., see Gamoh, K. 658(1994)17
Takatsuto, S., see Motegi, C. 658(1994)27
Toome, D.W., see Levison, P.R. 658(1994)419
Ueda, J., Miyamoto, K. and Kamisaka, S.
Separation of a new type of plant growth regulator, jasmonates, by chromatographic procedures (Review) 658(1994)129
Vaisar, T., see Píš, J. 658(1994)77
Vinš, I., see Čoupek, J. 658(1994)391
Weisz, A., Andrzejewski, D., Highet, R.J. and Ito, Y.
Preparative separation of components of the color additive FD&C Red No. 3 (erythrosine) by pH-zone-refining counter-current chromatography 658(1994)505
Wilson, I.D., see Lafont, R. 658(1994)31
Wilson, I.D., see Lafont, R. 658(1994)55
Wu, D.-R. and Lohse, K.
Predictable and consistent performance of angular packing in axial compression columns 658(1994)381
Yamamoto, S., see Jungbauer, A. 658(1994)399
Zedde, C., see Baltas, M. 123(1994)123
Zhong, G.M., Meunier, F. and Guiochon, G.
Interference and heat effects: moment analysis for two-component chromatography 658(1994)355